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... Statistical **shape model**. **Model** of image structure at each point. ... Need to search for local **match** for each point. **Model**. ... Correlation. Statistical **model** of profile. ...
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... Our tests showed that the **matching** procedure is quite ... 2: **Shape** space spanned by the average object and ... 1: Medial **model** computed from a population of **training** ...
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Shape Similarity
... the entire **boundary** of one of the **models** (as is ... see Section gif), with edges allowed to **match** whenever their ... of easily computed features of the **shape**, such as ...
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... **Models**. Occasionally diverges to incorrect solution due to limitations of both the **shape** and image **model**. [3 ... **Matching shapes**. In ...
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... **match** (lowest value of f g s). This is repeated for every **model** point, giving ... We then update the current pose and **shape** parameters to best **match** the **model** ...
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"Active **Shape Models** - Their **Training** and Application" citations
... **training shapes**, The mean **shapes** are initialized ... stereotactic coordinate system, The **model** elastically deforms ... which are generated by **matching** local intensity ...
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Model to Image Fit
... Figure 5: A **shape model** with overlaid 1D pixel profiles ... call this assumption concerning the optimal **model** points placement an image **matching** criteria ...
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... These **models** are used during an iterative contour deformation process that adjusts the position and **shape** of the contour to **match** the **boundary** of ...
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... **models**: all-exemplar **models** allow better flexibility in **matching** the **shape** and orientation of ... show that the goodness-of-fit of all-exemplar **models** can even ...
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\Large\bf **Model**-guided Segmentation of Corpus Callosum in MR ...
... applied to the corpus callosum **boundary** in midsagittal ... If **shape-matching** was applied directly to the entire ... and covariance matrices, since this **model** is simple ...
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... x pca , h x T (C(q)))|C (q)|dq, (6) F **boundary** = 1 0 g ... of 45 left brain ventricles (see also Sec- tion 2.2.2). The **shape model** changes to **match** with the ...
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EN256 Project : Active **Shape**
... normals through each **model** point to find the best local **match** for the **model** of the ... Update the pose and **shape** parameters to best fit the **model** instance to ...
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... Then, for each vertex of the **boundary** of the caudate nucleus ... to a number of problems, such as **shape matching** and indexing [18], **model**-based adaptive ...
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... increasing function from the **shape**-incorrectness vs. ... Snakes: Active contour **models**," in Proc. ... 5] G. Borgefors, "Hierarchical chamfer **matching**: A parametric ...
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... The desired **model**-to-image **matching** can then be found by ... First, the **shape model** is covered by a set of clusters C ... s u(s) · e/ e 2 ds, (8) and then **model** φ e (e ...
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The Tilt Intonation **Model**
... the HMMs for each unit in conjunction with an n-gram language **model** which gives ... The **matching** algroithm will synthesize every possible **shape** lying within ...
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2001 Workshop on **Shape**-Based Retrieval and Analysis of 3D **Models**
... leading to robust performance even near subtle **boundaries**. ... is simpler than traditional **shape matching** methods that ... feature correspondence, or **model** fitting. ...
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1 **Shape error concealment using Hermite splines**
Schuster, G.M.; Xiaohuan Li; Katsaggelos, A.K.;
Image Processing, IEEE Transactions on , Volume: 13 , Issue: 6 , June 2004
Pages:808 - 820

[Abstract] [PDF Full-Text (1008 KB)] IEEE JNL

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2 **A wire-grid model for scattering by conducting bodies**
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Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volum 14 , Issue: 6 , Nov 1966
Pages:782 - 786

[Abstract] [PDF Full-Text (408 KB)] IEEE JNL

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3 **A divide and conquer deformable contour method with a model base searching algorithm**
Xun Wang; Lei He; Yingjie Tang; Wee, W.G.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 33 , Is 5 , Oct. 2003
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4 **Representation and self-similarity of shapes**
Geiger, D.; Tyng-Luh Liu; Kohn, R.V.;
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Pages:86 - 99

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Huang, C.; Christophorou, C.; Najafi, K.; Naguib, A.; Nagib, H.M.;
Microelectromechanical Systems, Journal of , Volume: 11 , Issue: 3 , June 20(
Pages:222 - 235

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6 **An algorithm for detecting roads and obstacles in radar images**
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Pages:170 - 182

[Abstract] [PDF Full-Text (364 KB)] IEEE JNL

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1997
Pages:1484 - 1487

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14 **Hybrid boundary contour mode-matching analysis of arbitrarily sha waveguide structures with symmetry of revolution**
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15 **Scatter measured from impedance discontinuities**
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